

# Technical Cybersecurity

The Middle Ages: Hacks

# Intrusions

## MORE AND MORE HACKS

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- ▶ Systems not really protected
- ▶ Laws outdated, ineffectual
- ▶ Law enforcement, gov't officials starting to panic

## CYBERSECURITY WASN'T A THING YET!

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- ▶ Computers were designed functionally
- ▶ Why would somebody attack a computer?

# Bank Heists

1988, FIRST NATIONAL BANK OF CHICAGO: \$70M

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- ▶ Money is never recovered, nor is the heist attributed

1994, CITIBANK: \$10 MILLION STOLEN

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- ▶ Vladimir Levin
- ▶ Used work laptop
- ▶ Transferred funds to foreign banks
- ▶ Bought schematics for attack for \$100 US

# More Laws, Arrests

## 1986: COMPUTER FRAUD AND ABUSE ACT

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- ▶ Does not address juveniles!

## 1990: COMPUTER MISUSE ACT

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- ▶ UK, addresses unauthorized access of computer systems

## BUSTED!

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- ▶ Operation Sundevil
- ▶ Ripco BBS

# Things we recognize!

1996: CRYPTO-VIROLOGY

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- ▶ Proto-ransomware

1999: WINDOWS 98

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- ▶ Microsoft starts taking security seriously

1998, 1999: BACK ORIFICE/BACK ORIFICE 2K

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- ▶ Remote Administration Tool

Let's move toward  
today.